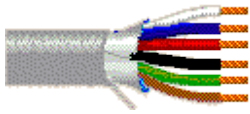


## 5304FE Multi-Conductor - Commercial Applications

For more Information  
please call

1-800-Belden1



### Description:

18 AWG bare copper conductors, PP insulation, cabled, Beldfoil® shield tape (foil side out) with drain wire, PVC jacket. Sequential footage marking every two feet.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
6	18	7x26	BC - Bare Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.007

#### Outer Shield

##### Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	100

##### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
24	7x32	TC - Tinned Copper	

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

Outer Jacket Ripcord: Yes

#### Overall Cable

##### Overall Cabling Lay Length & Direction:

Length (in.)
3.250

##### Overall Cabling Color Code Chart:

Color
Black
Red
White
Green
Brown
Blue

Overall Nominal Diameter: 0.215 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 53.100 lbs/1000 ft.

## 5304FE Multi-Conductor - Commercial Applications

Max. Recommended Pulling Tension:	148.400 lbs.
-----------------------------------	--------------

Min. Bend Radius (Install)/Minor Axis:	2.125 in.
--	-----------

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
-------------------------	-----

NEC Articles:	800
---------------	-----

CEC/C(UL) Specification:	CMG
--------------------------	-----

EU CE Mark:	Yes
-------------	-----

EU Directive 2000/53/EC (ELV):	Yes
--------------------------------	-----

EU Directive 2002/95/EC (RoHS):	Yes
---------------------------------	-----

EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
---------------------------------------	------------

EU Directive 2002/96/EC (WEEE):	Yes
---------------------------------	-----

EU Directive 2003/11/EC (BFR):	Yes
--------------------------------	-----

CA Prop 65 (CJ for Wire & Cable):	Yes
-----------------------------------	-----

MII Order #39 (China RoHS):	Yes
-----------------------------	-----

#### Flame Test

UL Flame Test:	UL1666 Vertical Shaft
----------------	-----------------------

CSA Flame Test:	FT4
-----------------	-----

#### Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Plenum Number:	6304FE
----------------	--------

### Surface Printing (Overall)

#### Electrical Characteristics (Overall)

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
---------------------

28.500
--------

##### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
---------------------

51.250
--------

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
--------------------------

6.5
-----

##### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
--------------------------

7.2
-----

##### Max. Operating Voltage - UL:

Voltage
---------

300 V RMS
-----------

##### Max. Recommended Current:

Current
---------

3.5 Amps per conductor @ 25°C
-------------------------------

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

## 5304FE Multi-Conductor - Commercial Applications

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5304FE 008U500	500 FT	23.000 LB	GRAY		6 #18 PP FS FRPVC
5304FE 0081000	1,000 FT	45.000 LB	GRAY	C	6 #18 PP FS FRPVC
5304FE 008500	500 FT	23.500 LB	GRAY	C	6 #18 PP FS FRPVC

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 2    Revision Date: 06-02-2008

© 2012 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.